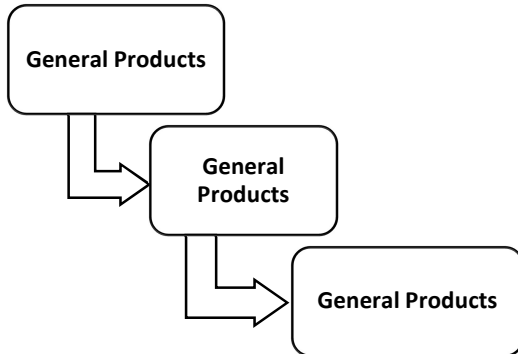


FAMILY TREE



PRODUCT DESCRIPTION

Cleaning and etching agent based on special additives that is developed for:

- Surface preparation before coating applications
- Cleaning and enhancing bonding properties between treated surface and subsequent coatings
- Remove oil, grease, fuel, chemicals, etc.
- Etching of cementitious surfaces
- Remove hardened cement particles, concrete, etc. from metal parts

PROPERTIES

- | | |
|---------------------------|-----------------------------------------------------------------|
| • Easy to use | • Economical |
| • Uniform surface etching | • Enhances bond between treated surface and subsequent coatings |

PREPARATION

- | | |
|---------------------------|--------------|
| Working Conditions | : 5° to 45°C |
| Tools / Equipment | : Brush |

MIXING

- | | |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Ratio | : 1:2 to 1:5 with clean fresh water |
| | Actual mixing ratio can be determined as per the concentration level of oil, grease, fuel, rust, etc. on the surface to be cleaned. |

APPLICATION

- | | |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Method | : Brush |
| Process | : Stir well before use. After two hours of application on concrete floor, area should be cleaned with copious amount of water. Concrete surface should be totally dry before the application of any epoxy, polyurethane or other coatings |
| Cleaning | : All tools / equipment shall be cleaned immediately after use with fresh water. |

PACKING

- | | |
|-------------------------|--------------------------------------------------------------------|
| Standard Package | : 5 Ltr & 20 Ltr Drum |
| Custom Package | : Special packages can be arranged for large requirements |
| How to Order | : Specify the Product Name followed with a hyphen and package size |

STORAGE CONDITION

- | | |
|----------------------------|--------------------------------------------------------------------|
| Shelf Life | : 12 months from the date of manufacturing |
| Temperature | : 2°C and 50°C |
| Points of Attention | : Store in shaded area and properly sealed in its original packing |

TECHNICAL PROPERTIES

PROPERTY	STANDARD	VALUE
Standard	ASTM D1475	
Testing Conditions	Tests were carried out in Apollo R&D laboratory @ 25°C	

This Technical Data Sheet is prepared based on extensive research and practical experience. With the varieties of the materials and conditions of application is out of our control, Apollo assumes no responsibility for the obtained results and / or damages caused by the usage of this product. Apollo Technical Service family is always available at your disposal for any advice and directions that might be required.

Component		Single component
Form		Liquid
Colour		Yellow
Odour		Pungent
Specific Gravity	ASTM D1475	1.02 ± 0.02
Rapid Chloride Permeability	ASTM C1202	< 650 coulombs
Drying Shrinkage	ASTM C157	< 500 microstain at 28 days

ATTENTION

PPE : It is recommended to use full PPE while working with the product to avoid any possibility of irritation to skin or eyes. In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary

Hazardous Classification : Hazardous transportation

Fire : Non-flammable

APOLLO AT THE GLANCE

Apollo is confident with the technical solutions and high quality end products served to the customers.

Apollo invites you to explore other services and products:

- | | | |
|------------------------------------------|--------------------------------------|--------------------------------------|
| • R&D and manufacturing custom solutions | • Adhesives | • Bonding Agents Systems |
| • Building Finishing Systems | • Concrete Admixture | • Concrete Repair Systems |
| • Flooring Systems | • Grouts & Anchoring Systems | • Painting & Putty Systems |
| • Protective Coatings | • Sealant & Jointing Solutions | • Structural Strengthening Solutions |
| • Surface Treatment Solutions | • Tile Adhesive & Grouting Solutions | • Waterproofing Systems |